

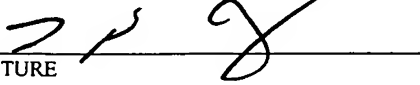
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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A NATIONAL STAGE FILING UNDER 35 U.S.C. § 371 | | ATTORNEYS DOCKET NUMBER 2815-67385-03 |
| | | U.S. APPLICATION NO. (If known, see 37 C.F.R. § 1.5) 10/581377 |
| INTERNATIONAL APPLICATION NO. PCT/US2004/040826 | INTERNATIONAL FILING DATE December 6, 2004 | PRIORITY DATE CLAIMED December 5, 2003 |
| TITLE OF INVENTION POLYMER-SUPPORTED METAL NANOPARTICLES AND METHOD FOR THEIR MANUFACTURE AND USE | | |
| APPLICANT(S) FOR DO/EO/US Chien M Wai, Hiroyuki Ohde, and Mariko Ohde | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1). Items 5, 6, 9 and 21 indicated below are submitted to make this express request.4. <input type="checkbox"/> The United States has been elected in a Demand for International Preliminary Examination (Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. § 371(c)(2))<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> has been communicated by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input type="checkbox"/> An English-language translation of the International Application (35 U.S.C. § 371(c)(2)).<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto.b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))<ol style="list-style-type: none">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau to the United States Receiving Office).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input checked="" type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English-language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)) (unsigned).10. <input type="checkbox"/> An English-language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <ol style="list-style-type: none">11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal fee of \$40.00 are included.13. <input checked="" type="checkbox"/> A preliminary amendment.14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A power of attorney and/or change of address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. §§ 1.821 - 1.825.18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. § 154(d)(4).19. <input type="checkbox"/> A second copy of the English-language translation of the international application under 35 U.S.C. § 154(d)(4).20. <input checked="" type="checkbox"/> Other items or information:<ol style="list-style-type: none"><input checked="" type="checkbox"/> Abstract on a separate page.<input checked="" type="checkbox"/> Written Opinion.<input type="checkbox"/> Preliminary Examination Report.<input type="checkbox"/> International Search Report.<input checked="" type="checkbox"/> Copies of References Cited. | | |

TY:iar 06/01/06 2815-67385-03 528116 03-026/5078

EXPRESS MAIL LABEL NO. EV668294370US

DATE OF DEPOSIT: June 2, 2006

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| U.S. APPLICATION NO. (If known, see 37 C.F.R. § 1.5) | | INTERNATIONAL APPLICATION NO. PCT/US2004/040826 | | ATTORNEY'S DOCKET NUMBER 2815-67385-03 | |
| The following fees are submitted: | | | | | |
| 21. <input checked="" type="checkbox"/> Basic national fee (37 C.F.R. 1.492(a))..... | | | | \$ | 300.00 |
| 22. <input checked="" type="checkbox"/> Examination fee (37 C.F.R. 1.492 (c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... | | | | \$ | 200.00 |
| All other situations | | | | | |
| 23. <input checked="" type="checkbox"/> Search fee (37 C.F.R. 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Articles 33(1)-(4)..... | | | | \$ | 100.00 |
| Search fee (37 C.F.R. 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | | | | | |
| International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB | | | | | |
| All other situations | | | | | |
| TOTAL OF 21, 22, and 23 = | | | | \$ | 600.00 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 41 - 100 | 0 / 50 = | 0 | x \$250 | \$ | 0.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 20 - 20 = | 0 | x \$50.00 | \$ | 0.00 |
| Independent Claims | 1 - 3 = | 0 | x \$200.00 | \$ | 0.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 600.00 |
| <input checked="" type="checkbox"/> Small entity status is claimed for this application. Fees above are reduced by ½. | | | | \$ | 300.00 |
| SUBTOTAL = | | | | \$ | 300.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)). | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$ | 300.00 |
| Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property. | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | \$ | 300.00 |
| | | | | Amount to be refunded | \$ |
| | | | | Amount to be charged | \$ |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>300.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. <u>02-4550</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Please return the enclosed postcard to confirm that the items listed above have been received.</p> | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 C.F.R. § 1.494 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> | | | | | |
| SEND ALL CORRESPONDENCE TO THE ADDRESS ASSOCIATED WITH | | | | | |
| CUSTOMER NUMBER 24197 | | | | | |
| <p>KLARQUIST SPARKMAN, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, OR 97204-2988</p> | | | | | |
| <p>SIGNATURE </p> <p>Travis Young, Ph.D., J.D. NAME</p> <p><u>53,819</u> REGISTRATION NUMBER</p> | | | | | |

cc: Client
Docketing